L Number	Hits	Search Text	DB	Time stamp
1	446	benzamidine and anticoagulant	USPAT;	2003/07/26 16:56
		· ·	US-PGPUB	

EAST (0/073, 985

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NEWS 27 Jul 21 Polymer class term count added to REGISTRY
NEWS 28 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and
Right Truncation available

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information

NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available

NEWS LOGIN Welcome Banner and News Items

NEWS 24 Jun 25 HSDB has been reloaded

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

NEWS 22 Jun 06 PASCAL enhanced with additional data

NEWS 25 Jul 16 Data from 1960-1976 added to RDISCLOSURE NEWS 26 Jul 21 Identification of STN records implemented

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10/ 073,985

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FILE 'HOME' ENTERED AT 16:52:44 ON 26 JUL 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8 DICTIONARY FILE UPDATES: 25 JUL 2003 HIGHEST RN 555152-78-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

G1 0,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 16:53:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 172 TO ITERATE

100.0% PROCESSED 172 ITERATIONS

99 ANSWERS

SEARCH TIME: 00.00.01

LZ 33

99 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

148.15 148.36

FILE 'CAPLUS' ENTERED AT 16:53:30 ON 26 JUL 2003

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FILE COVERS 1907 - 26 Jul 2003 VOL 139 ISS 5 FILE LAST UPDATED: 25 Jul 2003 (20030725/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3

2 L2

=> d l3 1- ibib abs hitstr

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER:

1999:795787 CAPLUS

DOCUMENT NUMBER:

132:35700

TITLE:

Preparation of benzamidine derivatives as activated

blood coagulation factor X inhibitors

INVENTOR(S):

Nakagawa, Tadakiyo; Sagi, Kazuyuki; Yoshida, Kaoru; Fukuda, Yumiko; Shoji, Masataka; Takehana, Shunji;

Kayahara, Takashi; Takahara, Akira

PATENT ASSIGNEE(S):

SOURCE:

Ajinomoto Co., Inc., Japan PCT Int. Appl., 143 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

LANGUAGE:

Patent Japanese

LANGUAGE: Jap

FAMILY ACC. NUM. COUNT: : PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO. DATE

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A1 19991216
                                          WO 1999-JP3055
                                                           19990608
     WO 9964392
         W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
             DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
             JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
             MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
             TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
             MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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                                                            19990608
     AU 758567
                       B2
                            20030327
     EP 1086946
                      A1
                            20010328
                                          EP 1999-923959
                                                            19990608
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI
                                          US 2000-731729
     US 2001056123
                      Α1
                            20011227
                                                           20001208
     US 6410538
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                            20020625
     US 2002107290
                            20020808
                                          US 2002-73985
                                                            20020214
                       A1
PRIORITY APPLN. INFO.:
                                        JP 1998-159627
                                                       A 19980608
                                        JP 1998-159628
                                                         A 19980608
                                        WO 1999-JP3055
                                                         W 19990608
                                        US 2000-731729
                                                        A1 20001208
OTHER SOURCE(S):
                        MARPAT 132:35700
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OTHER SOURCE(S):

Ι

Me
$$CO-NH-CH_2-CH_2-O$$
 $C=NH$ 

AB The title compds. I [L is CH2CH2, etc.; Z1 is CH:CHCOR2, etc.; R2 is OH, etc.; Y is CH:CH, etc.; V1 is, for example, H, (un)substituted benzoyl, etc.; extensive details on V1 are given] are prepd. I are useful as antithrombotics. In an in vitro test for inhibiting activity against activated blood coagulation factor X, the title compd. II.2CF3CO2H showed pIC50 of 8.1.

IT 252262-15-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

II

(prepn. of benzamidine derivs. as activated blood coagulation factor X inhibitors)

RN 252262-15-0 CAPLUS

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CN Benzenepropanoic acid, 4-(aminoiminomethyl)-2-[[(2R)-1-(2-naphthalenylsulfonyl)-2-pyrrolidinyl]methoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 252262-14-9 CMF C25 H27 N3 O5 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1998:509180 CAPLUS

DOCUMENT NUMBER: 129:161414

TITLE: Preparation of benzamidine derivatives as

anticoagulants

INVENTOR(S): Takayanagi, Masaru; Sagi, Kazuyuki; Nakagawa,

Tadakiyo; Yamanashi, Masahiro; Kayahara, Takashi;

Takehana, Shunji; et al. Ajinomoto Co., Inc., Japan

SOURCE: PCT Int. Appl., 453 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT ASSIGNEE(S):

PATENT NO. KIND DATE APPLICATION NO. DATE

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WO 9831661 A1 19980723
                                              WO 1998-JP176 19980119
          W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
               DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,
               KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
               NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA,
               \mathtt{UG},\ \mathtt{US},\ \mathtt{UZ},\ \mathtt{VN},\ \mathtt{YU},\ \mathtt{ZW},\ \mathtt{AM},\ \mathtt{AZ},\ \mathtt{BY},\ \mathtt{KG},\ \mathtt{KZ},\ \mathtt{MD},\ \mathtt{RU},\ \mathtt{TJ},\ \mathtt{TM}
          RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
               FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
               GA, GN, ML, MR, NE, SN, TD, TG
     AU 9854975
                        A1 19980807
                                                AU 1998-54975
                                                                    19980119
     AU 731819
                          B2
                                20010405
     EP 976722
                         A1
                                20000202
                                                EP 1998-900422
                                                                    19980119
          R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI
PRIORITY APPLN. INFO.:
                                              JP 1997-6783
                                                                A 19970117
                                                                A 19970718
                                              JP 1997-194602
                                              JP 1997-331887 A 19971202
                                              WO 1998-JP176
                                                                W 19980119
OTHER SOURCE(S):
                            MARPAT 129:161414
```

AB

CH:CH, CONH, etc.; Z = H, alkyl, halo, etc.; when L is CH2CH2, V is benzoyl, cinnamoyl, etc., having substituents; further details on V are given] are prepd. These compds. show anticoaqulant effects based on their excellent effects of inhibiting activated blood coagulation factor X, which makes them useful as anticoagulants. In in vitro tests for the inhibition of activated blood coagulation factor X, compds. of this invention showed pIC50 values of 5.5 to 8.1. IT 210958-43-3P 210958-45-5P 210958-47-7P 210958-49-9P 210958-51-3P 210958-53-5P 210959-15-2P 210959-21-0P 210959-23-2P 210959-25-4P 210959-27-6P 210959-61-8P 210960-13-7P 210960-15-9P 210960-17-1P 210960-19-3P 210960-21-7P 210960-23-9P 210960-25-1P 210960-27-3P 210960-29-5P 210960-31-9P 210960-33-1P 210960-35-3P 210960-37-5P 210960-39-7P 210960-41-1P 210960-43-3P 210960-45-5P 210960-47-7P 210960-49-9P 210960-51-3P 210960-53-5P 210960-55-7P 210960-57-9P 210960-59-1P 210960-61-5P 210960-63-7P 210960-65-9P 210960-67-1P 210960-69-3P.210960-71-7P 210960-73-9P 210960-85-3P 210960-87-5P 210960-89-7P 210961-21-0P RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)

The title compds. I [L = CH2CH2, NWCOCH2, etc.; W = H, alkyl, etc.; Y =

CN

(prepn. of benzamidine derivs. as anticoagulants)

RN 210958-43-3 CAPLUS

Phosphonic acid, [4-[[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4-piperidinyloxy)phenyl]ethyl]amino]sulfonyl]phenyl]-, monoethyl ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210958-42-2 CMF C29 H37 N4 O7 P S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210958-45-5 CAPLUS

Phosphonic acid, [4-[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4-piperidinyloxy)phenyl]ethyl]amino]sulfonyl]phenyl]-, diethyl ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210958-44-4 CMF C31 H41 N4 O7 P S

CRN 76-05-1 CMF C2 H F3 O2

RN

210958-47-7 CAPLUS
Phosphonic acid, [4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]phenyl]-, diethyl ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME) CN

CM

CRN 210958-46-6 CMF C33 H44 N5 O7 P S

CRN 76-05-1 CMF C2 H F3 O2

RN 210958-49-9 CAPLUS

CN Phosphonic acid, [4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]phenyl]-, monoethyl ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210958-48-8 CMF C31 H40 N5 O7 P S

CRN 76-05-1 CMF C2 H F3 O2

RN 210958-51-3 CAPLUS

CN Phosphonic acid, [4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]phenyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210958-50-2 CMF C29 H36 N5 O7 P S

CRN 76-05-1 CMF C2 H F3 O2

RN

210958-53-5 CAPLUS
Benzoic acid, 4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-CN(aminoiminomethyl)phenyl]methyl]ethyl]amino]sulfonyl]-,
bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210958-52-4 CMF C24 H25 N5 O5 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210959-15-2 CAPLUS

Benzenecarboximidamide, 3-[2-[[[(7,7-dimethylbicyclo[2.2.1]hept-1-yl)methyl]sulfonyl]amino]ethoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210959-14-1 CMF C19 H29 N3 O3 S

CM 2

RN 210959-21-0 CAPLUS

CN Benzenecarboximidamide, 3-[2-[(2-naphthalenylsulfonyl)amino]ethoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210959-20-9 CMF C19 H19 N3 O3 S

$$\begin{array}{c|c} & \circ & \\ & & \\$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210959-23-2 CAPLUS

CN Benzenecarboximidamide, 3-[2-[[[4-(aminoiminomethyl)phenyl]sulfonyl]amino] ethoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210959-22-1 CMF C16 H19 N5 O3 S

$$\begin{array}{c|c} & & & \\ & & \\ S - NH - CH_2 - CH_2 - O \\ & & \\ H_2N - C \\ & & \\ NH \end{array}$$

CM 2

10/ 073,985

RN 210959-25-4 CAPLUS

CN Benzamide, 4-[[[2-[3-(aminoiminomethyl)phenoxy]ethyl]amino]sulfonyl]-,
mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210959-24-3 CMF C16 H18 N4 O4 S

$$\begin{array}{c|c} & \circ & \\ & \vdots & \\ & S - NH - CH_2 - CH_2 - O \\ & & \vdots & \\ & & NH \end{array}$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210959-27-6 CAPLUS

CM 1

CRN 210959-26-5 CMF C15 H16 Br N3 O3 S

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10/ 073,985
```

CRN 76-05-1 CMF C2 H F3 O2

RN 210959-61-8 CAPLUS CN Benzenecarboximidam:

Benzenecarboximidamide, 3-[3-[(2-naphthalenylsulfonyl)amino]propoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210959-60-7 CMF C20 H21 N3 O3 S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-13-7 CAPLUS

Benzenecarboximidamide, 3-[(2S)-2-[(ethylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-12-6 CMF C23 H32 N4 O4 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-15-9 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-2-[(ethylsulfonyl)amino]-3-[4-[[1-[(ethylsulfonyl)oxy]-4-piperidinyl]oxy]phenyl]propoxy]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-14-8 CMF C25 H36 N4 O7 S2

Absolute stereochemistry.

CM 2

RN 210960-17-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[(2S)-3-[3-(aminoiminomethyl)phenoxy]-2-[(ethylsulfonyl)amino]propyl]phenoxy]-, phenylmethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-16-0 CMF C31 H38 N4 O6 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-19-3 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-2-[(butylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-18-2 CMF C25 H36 N4 O4 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-21-7 CAPLUS

Benzenecarboximidamide, 3-[(2S)-2-[(butylsulfonyl)amino]-3-[4-[[1[(butylsulfonyl)oxy]-4-piperidinyl]oxy]phenyl]propoxy]-,
mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-20-6 CMF C29 H44 N4 O7 S2

Absolute stereochemistry.

CM 2

RN 210960-23-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[(2S)-3-[3-(aminoiminomethyl)phenoxy]-2-[(butylsulfonyl)amino]propyl]phenoxy]-, phenylmethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-22-8 CMF C33 H42 N4 O6 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-25-1 CAPLUS

Benzenecarboximidamide, 3-[(2S)-2-[(phenylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-24-0 CMF C27 H32 N4 O4 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-27-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[(2S)-3-[3-(aminoiminomethyl)phenoxy]-2-[(phenylsulfonyl)amino]propyl]phenoxy]-, phenylmethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-26-2 CMF C35 H38 N4 O6 S

Absolute stereochemistry.

CM 2

RN 210960-29-5 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-2-[(2-naphthalenylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-28-4 CMF C31 H34 N4 O4 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-31-9 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-3-(4-hydroxyphenyl)-2-[(2naphthalenylsulfonyl)amino]propoxy]-, mono(trifluoroacetate) (salt) (9CI)
 (CA INDEX NAME)

CM 1

CRN 210960-30-8 CMF C26 H25 N3 O4 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-33-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[(2S)-3-[3-(aminoiminomethyl)phenoxy]-2-[(2-naphthalenylsulfonyl)amino]propyl]phenoxy]-, phenylmethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-32-0 CMF C39 H40 N4 O6 S

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10/ 073,985
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CRN 76-05-1 CMF C2 H F3 O2

RN 210960-35-3 CAPLUS

CN Benzenecarboximidamide, 3-[(2R)-2-[(ethylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-34-2 CMF C23 H32 N4 O4 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-37-5 CAPLUS

N Benzenecarboximidamide, 3-[(2R)-2-[(phenylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-36-4 CMF C27 H32 N4 O4 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-39-7 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-3-[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]-2-[(phenylsulfonyl)amino]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-38-6 CMF C29 H35 N5 O4 S

Absolute stereochemistry.

CM 2

RN 210960-41-1 CAPLUS

CN 1-Piperidinecarboximidamide, 4-[4-[(2S)-3-[3-(aminoiminomethyl)phenoxy]-2-[(phenylsulfonyl)amino]propyl]phenoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-40-0 CMF C28 H34 N6 O4 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-43-3 CAPLUS

N Benzenecarboximidamide, 3-[(2S)-2-[(ethylsulfonyl)amino]-3-[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]propoxy]-, bis(trifluoroacetate)
(9CI) (CA INDEX NAME)

CM 1

CRN 210960-42-2 CMF C25 H35 N5 O4 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-45-5 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-2-[(butylsulfonyl)amino]-3-[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-44-4 CMF C27 H39 N5 O4 S

Absolute stereochemistry.

CM 2

RN 210960-47-7 CAPLUS
CN Benzenecarboximidamide, 3-[(2S)-3-[4-[[1-(1-iminoethyl)-4 piperidinyl]oxy]phenyl]-2-[(2-naphthalenylsulfonyl)amino]propoxy]-,
 bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-46-6 CMF C33 H37 N5 O4 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-49-9 CAPLUS
CN Benzenecarboximidamide, 3-[(2S)-3-[4-[[(3S)-1-(1-iminoethy1)-3-pyrrolidiny1]oxy]phenyl]-2-[(phenylsulfonyl)amino]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-48-8 CMF C28 H33 N5 O4 S

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CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-51-3 CAPLUS

CN Benzenecarboximidamide, 3-[(2S)-2-[(phenylsulfonyl)amino]-3-[4-(4-piperidinylmethyl)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-50-2 CMF C28 H34 N4 O3 S

Absolute stereochemistry.

CM 2

RN 210960-53-5 CAPLUS
CN 2-Propenoic acid, 3-[4-[[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2[4-(4-piperidinyloxy)phenyl]ethyl]amino]sulfonyl]phenyl]-, (2E)-,
bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-52-4 CMF C30 H34 N4 O6 S

Absolute stereochemistry.

Double bond geometry as shown.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-55-7 CAPLUS
CN 2-Propenoic acid, 3-[4-[[((1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2[4-(4-piperidinyloxy)phenyl]ethyl]amino]sulfonyl]phenyl]-, ethyl ester,
(2E)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-54-6 CMF C32 H38 N4 O6 S Absolute stereochemistry.

Double bond geometry as shown.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-57-9 CAPLUS

CN Benzoic acid, 4-[[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4-piperidinyloxy)phenyl]ethyl]amino]sulfonyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-56-8 CMF C28 H32 N4 O6 S

CRN 76-05-1 CMF C2 H F3 O2

RN

210960-59-1 CAPLUS
Benzoic acid, 4-[[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4piperidinyloxy)phenyl]ethyl]amino]sulfonyl]-, methyl ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM1

CRN 210960-58-0 CMF C29 H34 N4 O6 S

CRN 76-05-1 CMF C2 H F3 O2

210960-61-5 CAPLUS

Benzoic acid, 4-[[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4-CN piperidinyloxy)phenyl]ethyl]amino]sulfonyl]-, ethyl ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-60-4 CMF C30 H36 N4 O6 S

CRN 76-05-1 CMF C2 H F3 O2

RN

CNiminoethyl) -4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]-,
bis(trifluoroacetate) (9CI) (CA INDEX NAME)

 $\mathsf{CM}$ 1

CRN 210960-62-6 CMF C30 H35 N5 O6 S

CRN 76-05-1 CMF C2 H F3 O2

RN

210960-65-9 CAPLUS Benzoic acid, 4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]-, methyl
ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM1

CRN 210960-64-8 CMF C31 H37 N5 O6 S

Meo 
$$H_{2N}$$
  $H_{2N}$   $H_{2N}$   $H_{2N}$ 

CRN 76-05-1 CMF C2 H F3 O2

RN

iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]-, ethyl
ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM1

CRN 210960-66-0 CMF C32 H39 N5 O6 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-69-3 CAPLUS

CN 2-Propenoic acid, 3-[4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]phenyl]-, (2E)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-68-2 CMF C32 H37 N5 O6 S

Absolute stereochemistry. Double bond geometry as shown.

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-71-7 CAPLUS

CN 2-Propenoic acid, 3-[4-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]methyl]ethyl]amino]sulfonyl]phenyl]-, ethyl ester, (2E)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-70-6 CMF C34 H41 N5 O6 S

Absolute stereochemistry.

Double bond geometry as shown.

CRN 76-05-1 CMF C2 H F3 O2

RN

210960-73-9 CAPLUS Benzoic acid, 2-[[[(1S)-2-[3-(aminoiminomethyl)phenoxy]-1-[[4-[[1-(1iminoethyl) - 4 - piperidinyl] oxy] phenyl] methyl] ethyl] amino] sulfonyl] - ,
bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-72-8 CMF C30 H35 N5 O6 S

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-85-3 CAPLUS

CN Benzenecarboximidamide, 4-iodo-3-[(2S)-2-[(phenylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-84-2 CMF C27 H31 I N4 O4 S

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CRN 76-05-1 CMF C2 H F3 O2

RN 210960-87-5 CAPLUS

CN Benzenepropanoic acid, 4-(aminoiminomethyl)-.alpha.-oxo-2-[(2S)-2-[(phenylsulfonyl)amino]-3-[4-(4-piperidinyloxy)phenyl]propoxy]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-86-4 CMF C30 H34 N4 O7 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 210960-89-7 CAPLUS

Benzenepropanoic acid, 4-(aminoiminomethyl)-2-[(2S)-3-[4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]-2-[(phenylsulfonyl)amino]propoxy]-.alpha.-oxo-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210960-88-6 CMF C32 H37 N5 O7 S

$$\begin{array}{c|c} & & & \\ & & & \\ NH & & \\ Me & & \\ NH & & \\ NH & & \\ & & \\ NH & & \\ & & \\ NH & & \\$$

CRN 76-05-1 CMF C2 H F3 O2

RN 210961-21-0 CAPLUS

Acetic acid, [[[2-[3-(aminoiminomethyl)phenoxy]ethyl][4-[[1-(1-iminoethyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210961-20-9 CMF C24 H31 N5 O6 S

$$O = S - CH_2 - CO_2H$$

$$N - CH_2 - CH_2 - O$$

CM 2

## IT 210958-42-2

RL: RCT (Reactant); RACT (Reactant or reagent)
 (prepn. of benzamidine derivs. as anticoagulants)

RN 210958-42-2 CAPLUS

CN Phosphonic acid, [4-[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4-piperidinyloxy)phenyl]ethyl]amino]sulfonyl]phenyl]-, monoethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

## IT 210963-43-2P 210963-48-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of benzamidine derivs. as anticoagulants)

RN 210963-43-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[4-[(2S)-3-[3-(aminoiminomethyl)phenoxy]-2-[(phenylsulfonyl)amino]propyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 210963-48-7 CAPLUS

CN Benzoic acid, 2-[[[(1S)-1-[[3-(aminoiminomethyl)phenoxy]methyl]-2-[4-(4-

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piperidinyloxy)phenyl]ethyl]amino]sulfonyl]-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 210963-47-6 CMF C28 H32 N4 O6 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

REFERENCE COUNT:

14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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